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Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	311	703/24.cccls.	US-PGPUB; USPAT; EPO; DERWENT	OR	OFF	2006/09/15 14:47
L4	806	trace\$1 and packet\$4 and compress\$4 and (emulation or debug) and ((integrated adj circuit) or processor or chip)	US-PGPUB; USPAT; EPO; DERWENT	OR	OFF	2006/09/15 15:56
L5	158	swoboda.in. and gary.in.	US-PGPUB; USPAT; EPO; DERWENT	OR	OFF	2006/09/15 16:11
L7	15	L5 and (emulation and sequence and process\$3).clm.	US-PGPUB; USPAT; EPO; DERWENT	OR	OFF	2006/09/15 16:29
L8	477	714/45.cccls.	US-PGPUB; USPAT; EPO; DERWENT	OR	OFF	2006/09/15 16:57
L9	360	703/26.cccls.	US-PGPUB; USPAT; EPO; DERWENT	OR	OFF	2006/09/15 16:57

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L1	80	(emulation and sequence and process\$3).clm.	US-PGPUB	OR	OFF	2006/09/15 17:48
L3	3	"6912675".pn.	US-PGPUB; USPAT; EPO; DERWENT	OR	OFF	2006/09/15 18:00

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1. Efficient program tracing  
Larus, J.R.;  
Computer  
Volume 26, Issue 5, May 1993 Page(s):52 - 61  
Digital Object Identifier 10.1109/2.211900  
[Abstract](#) | Full Text: [PDF\(1732 KB\)](#) IEEE JNL  
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2. Environment for PowerPC microarchitecture exploration  
Moudgil, M.; Wellman, J.-D.; Moreno, J.H.;  
Micro, IEEE  
Volume 19, Issue 3, May-June 1999 Page(s):15 - 25  
Digital Object Identifier 10.1109/40.768496  
[Abstract](#) | Full Text: [PDF\(1948 KB\)](#) IEEE JNL  
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3. Subject Index  
Computers, IEEE Transactions on  
Volume 50, Issue 12, Dec. 2001 Page(s):1380 - 1388  
Digital Object Identifier 10.1109/TC.2001.970577  
[Abstract](#) | Full Text: [PDF\(70 KB\)](#) IEEE JNL  
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4. Exploiting image processing locality in cache pre-fetching  
Cucchiara, R.; Piccardi, M.;  
High Performance Computing, 1998. HIPC '98. 5th International Conference On  
17-20 Dec. 1998 Page(s):466 - 472  
Digital Object Identifier 10.1109/HIPC.1998.738023  
[Abstract](#) | Full Text: [PDF\(124 KB\)](#) IEEE CNF  
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5. The Motorola PowerPC™ PEEK profiler  
Stewart, K.; Butt, F.; Sarkisian, D.; Breternitz, M., Jr.;  
Performance, Computing, and Communications Conference, 1997. IPCCC 1997., IEEE International  
5-7 Feb. 1997 Page(s):342 - 349  
Digital Object Identifier 10.1109/IPCCC.1997.581537  
[Abstract](#) | Full Text: [PDF\(824 KB\)](#) IEEE CNF  
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6. Visualizing Hilbert curves  
Max, N.;  
Visualization '98. Proceedings

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 **1. Accurate low-cost methods for performance evaluation of cache memory systems**

Laha, S.; Patel, J.H.; Iyer, R.K.;  
*Computers, IEEE Transactions on*  
 Volume 37, Issue 11, Nov. 1988 Page(s):1325 - 1336  
 Digital Object Identifier 10.1109/12.8699

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 **2. Address tracing for parallel machines**

Stunkel, C.B.; Janssens, B.; Fuchs, W.K.;  
*Computer*  
 Volume 24, Issue 1, Jan. 1991 Page(s):31 - 38  
 Digital Object Identifier 10.1109/2.67191

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 **3. Efficient program tracing**

Larus, J.R.;  
*Computer*  
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 **4. Stack evaluation of arbitrary set-associative multiprocessor caches**

Yuguang Wu; Muntz, R.;  
*Parallel and Distributed Systems, IEEE Transactions on*  
 Volume 6, Issue 9, Sept. 1995 Page(s):930 - 942  
 Digital Object Identifier 10.1109/71.466631

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 **5. Locality as a visualization tool**

Grimsrud, K.; Archibald, J.; Frost, R.; Nelson, B.;  
*Computers, IEEE Transactions on*  
 Volume 45, Issue 11, Nov. 1996 Page(s):1319 - 1326  
 Digital Object Identifier 10.1109/12.544490

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 **6. Compression-based program characterization for improving cache memory performance**

Phalke, V.; Gopinath, B.;  
*Computers, IEEE Transactions on*

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EE Johnson, J Ha - Computers and Communications, 1994. IEEE 13th Annual ..., 1994 - ieeexplore.ieee.org  
Page 1 0-7803-1814-5/94 \$4.00 © 1994 IEEE 213 POATS Lossless Address **Trace Compression**  
For Reducing File Size And Access Time Eric E. Johnson and Jiheng Ha ...  
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**Address trace compression through loop detection and reduction - group of 2 »**

EN Elnozahy - ACM SIGMETRICS Performance Evaluation Review, 1999 - portal.acm.org  
Page 1. Address **Trace Compression** Through Loop Detection and Reduction EN  
Elnozahy IBM Austin Research Lab 11400 Burnet Rd. Austin ...  
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**Lossless Trace Compression - group of 3 »**

EE Johnson, J Ha, MB Zaidi - IEEE Transactions on Computers, 2001 - csdl.computer.org  
... In this paper, we discuss a range of information-lossless address and instruction  
**trace compression** schemes that can reduce both storage space and access time ...  
[Cited by 14](#) - [Related Articles](#) - [Web Search](#) - [BL Direct](#)

**PDATS II: improved compression of address traces - group of 4 »**

EE Johnson - Performance, Computing and Communications Conference, 1999. ..., 1999 - ieeexplore.ieee.org  
... The PDATS family of **trace compression** techniques achieves **trace coding densities**  
of about six references per byte - ... 2. PDATS address **trace compression** ...  
[Cited by 9](#) - [Related Articles](#) - [Web Search](#)

**Dynamic Huffman coding - group of 2 »**

DE Knuth - Journal of Algorithms, 1985 - portal.acm.org  
... Martin Burtscher, VPC3: a fast and effective **trace-compression** algorithm, ACM  
SIGMETRICS Performance Evaluation Review, v.32 n.1, June 2004. ...  
[Cited by 129](#) - [Related Articles](#) - [Web Search](#)

**Compression of optical pulses to six femtoseconds by using cubic phase compensation - group of 5 »**

RL Fork, CHB Cruz, PC Becker, CV Shank - Opt. Lett, 1987 - OSA  
... in the same paper that the principal remaining problem in pulse **compression** of large ...  
position of the peak relative to the horizontal axis for each **trace** is a ...  
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**Mache: no-loss **trace compaction** - group of 3 »**

AD Samples - ACM SIGMETRICS Performance Evaluation Review, 1989 - portal.acm.org  
... This technique is unlike previously reported **trace compression** techniques in that  
it compresses without loss of information and, therefore, does not affect ...  
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**Abstract execution: a technique for efficiently tracing programs - group of 2 »**

JR Larus - Software—Practice & Experience, 1990 - portal.acm.org  
... Martin Burtscher, VPC3: a fast and effective **trace-compression** algorithm, ACM  
SIGMETRICS Performance Evaluation Review, v.32 n.1, June 2004. ...  
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**Compression of high-energy laser pulses below 5 fs - group of 8 »**

M Nisoli, S De Silvestri, O Svelto, R Szipocs, K ... - Opt. Lett, 1997 - OSA  
... 7 By best **compression** of the pulse whose spectrum is shown in Fig. 2(a), we

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CW Johnson, PB Thistlewaite, D Walsh, M Zellner - Proceedings of the Second Fujitsu-ANU CAP Workshop, RP Brent ..., 1991 - cs.anu.edu.au

... in the extended **trace** format, which includes a ... The replay **debugger** allows the programmer to investigate ... display-variables level of **debugging**, while simulating ...[Cited by 2](#) - [Related Articles](#) - [View as HTML](#) - [Web Search](#)**Trace-driven memory simulation: a survey - group of 11 »**

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R Hood, G Matthews - Proceedings of the 1st International Symposium on Cluster ..., 2001 - doi.ieeecomputersociety.org

... message passing library, and gdb **debugger** process controlling it through which p2d2**debugging** commands are issued [5]. The **trace compression** described in ...[Cited by 1](#) - [Related Articles](#) - [Web Search](#)**Event and state-based debugging in TAU: a prototype - group of 6 »**

S Shende, J Cuny, L Hansen, J Kundu, S McLaughry, ... - Proceedings of the SIGMETRICS symposium on Parallel and ..., 1996 - portal.acm.org

... the use of Ariadne and the extended modeling language, we **debug** a parallel version of an ... **compression**. ... user-defined events USERMERGE and USERNOMERGE to **trace** ...[Cited by 15](#) - [Related Articles](#) - [Web Search](#)**Efficient tracing for on-the-fly space-time displays in a debuggerfor message passing programs**

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A Gill - Electronic Notes in Theoretical Computer Science, 2000 - cse.ogi.edu

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EL Miller, RH Katz - 1991 - ACM Press New York, NY, USA

... on the Cray Y-MP. We chose to **trace** applications with high I/O rates, both in megabytes per second and accesses per second. While ...[Cited by 71](#) - [Related Articles](#) - [Web Search](#) - [Library Search](#)**Cyclic Debugging Using Execution Replay - group of 5 »**

M Ronsse, M Christiaens, K De Bosschere - Proceedings of the International Conference on Computational ..., 2001 - Springer

... If one wants to **debug** such a program, it is sufficient ... allows for the use of a simple **compression** scheme [RLB95] which can further reduce the **trace** files ...

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T Chilimbi, R Jones, B Zorn - ACM SIGPLAN Notices, 2001 - portal.acm.org

... Further, separation and **compression** of the address stream ... compressing different streams of a **trace** is directly ... a part of the heap), **debugging**, profiling and so ...[Cited by 12 - Related Articles - Web Search - BL Direct](#)[Trace-driven memory simulation: a survey - group of 11 »](#)

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... its **compression**. To begin **debugging** this program with Ariadne, we added user-defined events USERMERGE and USERNOMERGE to **trace** the ...[Cited by 15 - Related Articles - Web Search](#)[Efficient tracing for on-the-fly space-time displays in a debuggerfor message passing programs](#)

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